Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL060118\
Data File : VL032025.D
Acq On : 1 Jun 2018 15:57
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED
MMDadoda
6/4/2018 3:35:44 PM

Quant Time: Jun 02 02:14:44 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL053118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 0
QLast Update : Fri Jun 01 02:31:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.87	49	1377436	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.41	114	2587349	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.37	117	2752911m	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.71	95	1992787	9.37	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 93.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.15	85	1219424	7.36	ppbv	100
3) Chlorodifluoromethane	3.08	51	1189160	9.18	ppbv	99
4) Chloromethane	3.24	50	620626	9.44	ppbv	100
5) Vinyl Chloride	3.36	62	651139	8.92	ppbv	99
6) Bromomethane	3.59	94	464818	9.26	ppbv	96
7) Chloroethane	3.68	64	272733	8.78	ppbv	93
8) Dichlorotetrafluoroethane	3.29	85	1610966	8.92	ppbv	99
9) Propene	3.10	41	444379	10.50	ppbv	96
10) Heptane	8.37	43	1536216	10.24	ppbv	98
11) Trichlorofluoromethane	4.09	101	1925425	7.55	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.65	101	1549378	8.86	ppbv	100
13) Ethanol	3.73	45	135354	8.18	ppbv	99
14) Bromoethene	3.87	108	527451	8.58	ppbv	100
15) Acetone	3.98	43	1317703	7.93	ppbv	100
16) 1,3-Butadiene	3.44	39	578538	9.54	ppbv	90
17) tert-Butyl alcohol	4.44	59	820925	10.30	ppbv	100
18) 1,1-Dichloroethene	4.44	96	712283	9.37	ppbv	94
19) Isopropyl Alcohol	4.11	45	1078359	9.81	ppbv	99
20) Methylene Chloride	4.50	84	657293	8.71	ppbv	98
21) Allyl Chloride	4.57	41	1134786	9.69	ppbv	100
22) trans-1,2-Dichloroethene	5.06	96	779684	9.53	ppbv	95
23) Vinyl Acetate	5.25	43	2315211	10.30	ppbv	98
24) 1,1-Dichloroethane	5.19	63	2060862	9.42	ppbv	99
25) Ethyl Acetate	5.87	43	3176511	9.66	ppbv	100
26) Hexane	5.88	57	1481828	9.69	ppbv	98
27) Carbon Disulfide	4.71	76	1968634	9.83	ppbv	99
28) Methyl tert-Butyl Ether	5.21	73	2027289	10.71	ppbv	99
29) Chloroform	5.96	83	2356985	9.14	ppbv	100
30) Cyclohexane	7.36	84	959068	10.62	ppbv	97
31) cis-1,2-Dichloroethene	5.75	61	1416057	10.29	ppbv	95
32) 1,1,1-Trichloroethane	6.73	97	1982645	9.43	ppbv	99
34) 2-Butanone	5.43	43	2124168	10.44	ppbv	99
35) Carbon Tetrachloride	7.25	117	2047157	9.27	ppbv	98
36) Benzene	7.12	78	2408668	10.60	ppbv	98
37) 1,2-Dichloroethane	6.52	62	1665228	10.15	ppbv	100
38) Trichloroethene	8.08	130	975906	11.19	ppbv	98
39) 1,2-Dichloropropane	7.86	63	851211	10.15	ppbv	97
40) 1,4-Dioxane	8.07	88	345299	9.58	ppbv	86
41) Tetrahydrofuran	6.26	42	875357	10.02	ppbv	99
42) Bromodichloromethane	8.04	83	2024360	9.88	ppbv	99
43) Methyl Methacrylate	8.25	69	884405	11.17	ppbv	98

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jun 0
QLast Update : Fri Jun 01 02:31:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	8.11	57	3953049	10.15	ppbv	99
45) t-1,3-Dichloropropene	9.54	75	1315546	12.29	ppbv	100
46) cis-1,3-Dichloropropene	8.96	75	1580010	11.62	ppbv	99
47) 1,1,2-Trichloroethane	9.74	97	1020491	9.86	ppbv	98
48) Dibromochloromethane	10.58	129	1755741	10.24	ppbv	100
49) Bromoform	13.33	173	1377654	10.24	ppbv	99
50) 4-Methyl-2-Pentanone	8.99	43	2081996	10.53	ppbv	100
51) 2-Hexanone	10.40	43	2004801	11.29	ppbv	99
52) Tetrachloroethene	11.50	164	929018	10.29	ppbv	98
53) Toluene	10.07	91	2841872	11.17	ppbv	100
54) 1,2-Dibromoethane	10.89	107	1564417	10.32	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.41	131	1183033	8.90	ppbv	98
57) Chlorobenzene	12.43	112	2246084	8.93	ppbv	97
58) Ethyl Benzene	12.99	91	3971682	10.26	ppbv	97
59) m/p-Xylene	13.28	91	6564690m	19.35	ppbv	
60) o-Xylene	13.98	91	3352598	9.85	ppbv	99
61) Styrene	13.81	104	795973	12.10	ppbv	99
62) Isopropylbenzene	14.95	105	4148157	9.56	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.97	83	2200651	8.34	ppbv	100
64) n-propylbenzene	15.85	120	1041167	9.61	ppbv	99
65) tert-Butylbenzene	17.03	119	3533237	9.32	ppbv	100
66) Benzyl Chloride	17.29	91	373276	8.86	ppbv	98
67) sec-Butylbenzene	17.58	105	5040141	9.16	ppbv	100
69) p-Isopropyltoluene	17.94	119	4114149	9.65	ppbv	99
70) n-Butylbenzene	18.84	91	4139348	9.42	ppbv	100
71) 2-Chlorotoluene	15.75	91	3093952	9.70	ppbv	99
72) 4-Ethyltoluene	16.12	105	3418876	10.10	ppbv	99
73) 1,3,5-Trimethylbenzene	16.29	105	3083156	9.87	ppbv	99
74) 1,2,4-Trimethylbenzene	17.06	105	3242985	9.21	ppbv	93
75) 1,3-Dichlorobenzene	17.30	146	2070740	8.56	ppbv	100
76) 1,4-Dichlorobenzene	17.44	146	2065238	8.96	ppbv	99
77) 1,2-Dichlorobenzene	18.12	146	1980285	8.65	ppbv	100
78) Hexachloro-1,3-Butadiene	23.66	225	706781	7.78	ppbv	98
79) Naphthalene	22.56	128	2396011	12.02	ppbv	98
80) Naphthalene,2-methyl-	25.21	142	1273129	25.89	ppbv	98
81) 1,2,4-Trichlorobenzene	22.29	180	1254541	10.72	ppbv	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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